



IN THE CLAIMS

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TC 3100 MAIL ROOM

1. (Original) A medical catheter system comprising:
- a first catheter having
 - an entrance orifice,
 - an exit orifice,
 - a channel connecting the entrance orifice and the exit orifice, and
 - a wall surrounding the channel,
 - the hardness of the wall surrounding the channel decreasing in hardness then increasing in hardness and then decreasing in hardness again when considered from an initial reference point at the entrance orifice and traveling towards the exit orifice.
2. (Original) The medical catheter system of claim 1 further comprising:
- a second catheter located within the first catheter, the first catheter sized to allow the second catheter to move within it.
3. (Original) The medical catheter system of claim 2 further comprising:
- a third catheter located within the second catheter, the second catheter sized to allow the third catheter to move within it.
4. (Original) The medical catheter system of claim 2 wherein the second catheter has a plurality of flushing orifices sized to allow fluid to pass from an outside surface of the second catheter to an inside surface of the second catheter.
5. (Original) The medical catheter system of claim 2 wherein the second catheter has a bendable curve memory portion.
6. (Original) The medical catheter system of claim 5 wherein the bendable curve memory portion of the second catheter contains a cross-linking polymer activated by ultra-violet light.

7. (Original) The medical catheter system of claim 5 wherein the bendable curve memory portion of the second catheter contains an outer layer with a first hardness and an inner layer with a second hardness, the second hardness being harder than the first hardness.
8. (Original) The medical catheter system of claim 2 wherein the second catheter has an outer layer with a first hardness and an inner layer with a second hardness, the second hardness being harder than the first hardness.
9. (Original) A medical catheter system comprising:
a first catheter having
an entrance orifice,
an exit orifice, and
a first wall surrounding a channel linking the entrance orifice and the exit orifice, the first wall having a bendable curve memory portion.
10. (Original) The medical catheter system of claim 9 wherein the bendable curve memory portion is bent into a predetermined shape.
11. (Original) The medical catheter system of claim 9 wherein the first wall contains a reinforcing structure.
12. (Original) The medical catheter system of claim 9 wherein an inside surface of the first catheter includes a lubricious treatment.

Claims 13-27 (Withdrawn).